CHULALONGKORN
BUSINESS SCHOOL

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Education

- 2011   DOCTOR OF PHILOSOPHY, COMPUTER SCIENCE AND ENGINEERING, UNIVERSITY OF NEW SOUTH WALES, AUSTRALIA
- 2006   MASTER OF SCIENCE, INFORMATION SCIENCE, UNIVERSITY OF PITTSBURGH, UNITED STATES
- 2004   BACHELOR OF ENGINEERING, COMPUTER ENGINEERING, CHULALONGKORN UNIVERSITY, THAILAND

Publications

Peer-Reviewed Journal Articles

"Home Surveillance Security Systems Using an ESP8266 Embedded Device", Journal of Information Science and Technology, 7(2): 44-55, Jul.2017-Dec.2017, (Luengwongsakorn, P., Leelakiatsakul, W., Phoomvuthisarn, S., Pipattanaudomdee, P.).

Peer-Reviewed Academic/Professional Meeting Proceedings

"Machine Trading by Time Series Models and Portfolio Optimization"The 4th International Conference on Information Technology, Bangkok Oct.2019, (Thuankhonrak, P., Rattakan, E., Phoomvuthisarn, S.).

"Information Extraction for Cultural Heritage Knowledge Acquisition using Word Vector Representation"The 12th International Conference on Complex, Intelligent, and Software Intensive System (CISIS), 419-430, Matsue, Japan Jul.2018, (Buranasing, W., Phoomvuthisarn, S.).

"CoAP Composition for Automation Planning Using Genetic Algorithms"The International Technical Conference of IEEE Region 10 (TENCON), 1214-1219, South Korea Oct.2018, (Sangsanit, K., Phoomvuthisarn, S.).

"REST Web Service Composition: A Survey of Automation and Techniques"The 32th International Conference on Information Networking (ICOIN), 116-121, Chiang Mai, Thailand Jan.2018, (Sangsanit, K., Kurutash, W., Phoomvuthisarn, S.).

"A Secure Lightweight and Fair Exchange Protocol for NFC Mobile Payment Based on Limited-Use of Session Keys"The 17th International Symposium on Communication and Information Technologies, 267-272, Cairns, Australia Nov.2017, (Thammarat, C., Kurutach, W., Phoomvuthisarn, S.).

Publications

"Applying the Association Rule to e-Learning Acceptance Model: The Case of Kasem Bundit University"The National Conference on Computing and Information Technology 2016 (NCCIT 2016), 200-205, Thailand Jul.2016, (Wasanapreecha, W., Phoomvuthisarn, S.).

"Information Extraction and Integration for Enriching Cultural Heritage Collections"The 11th International Conference on Knowledge, Information and Creativity Support Systems, 58-63, Yogyakarta, Indonesia Nov.2016, (Buranasing, W., Phoomvuthisarn, S., Buranarach, M.).